

STASYUK, Valentin Nikolayevich; KUZNETSOV, B.T., red.; LARIONOV,
G.Ye., tekhn. red.

[Construction of a.c. traction networks for industrial
transport systems] Montazh tiagovoi seti elektrifitsirovani-
nogo promyshlennogo transporta. Moskva, Gosenergoizdat,
1963. 95 p. (Biblioteka elektromontera, no.110)
(MIRA 17:3)

STASYUK, Valentin Nikolayevich, kand. tekhn.nauk; SHADRIN, Nikolay Mikhaylovich, inzh.

[Electrification of transport in metallurgy using single-phase current] Elektrifikatsiia transporta v metallurgii na odnofaznom toke. Moskva, Metallurgiia, 1965. 300 p.
(MIRA 18:5)

ACC NR: AP7011364

SOURCE CODE: UR/0105/67/000/001/0091/009

AUTHOR: Stasyuk, V. N. (Candidate of technical sciences)

ORG: none

TITLE: Scientific and technical conference on the usage of power
conducting rectifiers and thyristors in railroad transportation

SOURCE: Elektrichestvo, no. 1, 1967, 91-93

TOPIC TAGS: scientific conference, railway transportation, semiconductor
rectifier, thyristor, silicon rectifier

SUB CODE: 09,13

ABSTRACT: From 15 to 18 June 1966, the Scientific and Technical Conference on the Usage of Power Semi-conductor rectifiers and thyristors in railroad transport was held in Tallin. In the main report heard at the conference, the introduction of semi-conductor rectifiers to railroad rolling stock in 1962 was described. It was pointed out that the operation of the semi-conductor rectifiers has been successful. The high percentage of failures of rectifiers during early periods of usage is of some concern, however. Other reports covered: the experience of usage of silicon rectifiers in railroad equipment; the usage of ignitrons; the protection of semi-conductor rectifier

Card 1/2

UDC: 621.33

0931 1748

ACC NR: AP7011364

installations; the reliability of silicon rectifiers; recuperative breaking in AC electric locomotives with thyristors; electric locomotives with asynchronous short circuited motors; electric locomotives with rectified thrust motors; high voltage DC motor electric locomotives; and the transmission of AC in diesel and gas turbine locomotives. [JPRS: 40,360]

Card 2/2

STASYUK, Ya.D., inzhener.

Wear and the selection of N-type metal plate lengths for pneumatic screw pumps. TSegment 23 no.3:28-29 My-Je '57. (MLRA 10:7)

1. Rustavskiy tsementnyy zavod.
(Pumping machinery) (Plates, Iron and steel)

STASYUKEVICH, S. P.

PA 241T25

USSR/Medicine - Infectious Diseases

Jan 53

"Some Problems in Connection With the Control of Typhoid," T. B. Gorgiyev, S. P. Stasyukovich, Dagestan Inst of Epidemiol and Microbiol

"Zhur Mikrobiol, Epidemiol, i Immunobiol" No 1, pp 80, 81

Authors state that in the territory investigated by them the incidence of typhoid has steadily declined during the past 10 yrs. However, some cases still occur and there is occasionally belated diagnosis of these cases. Bacteriol tests should be applied more extensively both in diagnostic and epidemiol work.

241T25

STATUTORY, U. S.

USSR/Medicine - Dysentery

Mar 53

"The Problem of Chronic Dysentery. The Relative Frequency of Chronic Dysentery to the Total Incidence of Bacterial Dysentery," T. B. Gorgiev, V. I. Kovaleva, S. P. Stasyukovich, Epidemiol Div, Dagestan Inst of Epidemiol and Microbiol

"Zhur Mikrobiol, Epidemiol, i Immunobiol" No 3, pp 46-47

During 1948 - 1950, 17.9-23.8% of all cases of bacillary dysentery were chronic. In 6.3-10.1% of the cases, there was transition of acute dysentery into chronic dysentery. The relative frequency of chronic dysentery was highest during the winter and spring months.

PA 244T35

STAROVICH, T.V.

Comparison of Jurassic sediments in eastern Transbaikalia
according to the lithological characteristics of conglomerate
formations. Trudy VSEGO RIGA 15-43 '63 (VKA 1787)

Facies and conditions governing the formation of the Cretaceous
sediments in the Kharanovskaya. Bidaillia.

SERLIN, M.; TUR, S.; STASYUKOVICH, Ye.

Record tests in gymnastics. Prof.-tekhn.oibr. no.10:30 O '55.
(MLRA 9:1)

- 1.Rukovoditel' sektsii fizicheskogo vospitaniya (for Serlin).
- 2.Instruktor fizicheskogo vospitaniya remeslennogo uchilishcha no.11 (for Tur).
- 3.Instruktor fizicheskogo vospitaniya spetsial'nogo remeslennogo uchilishcha no.9 (for Stasyukovich).
(Gymnastics)

STASYUKOV, M.; CHUBAROV, P.; ZAYCHENKO, I., ratsionalizator; RUTSINSKIY, V.;
VOLOVIK, A.; KNYSHEV, I.; SHTEYNGART, M.

Why are the suggestions of Dnepropetrovsk metal workers so slowly
realized? Izobr.i rats. no.11:24-25 N '58. (MIRA 11:12)

1. Dnepropetrovskiy metallurgicheskiy zavod im. Petrovskogo (for all
except Shteyngart). 2. Starshiy inzh. Byuro izobretateley i
ratsionalizatorov zavoda (for Stasyukov). 3. Zamestitel' predsedatelya
zavodskogo komiteta (for Chubarov). 4. Zamestitel' sekretarya partiynogo
zavodskogo komiteta(for Rutsinskiy). 5. Zamestitel' sekretarya komiteta Leninskogo
komiteta zavoda (for Volovik). 6. Sotrudnik
kommunisticheskogo soyuza molodezhi Ukrayny (for Volovik). 6. Sotrudnik
gazety "Tribuna metallurga" (for Knyshev). 7. Spetsial'nyy korrespondent
zhurnala "Izobretatel' i ratsionalizator" (for Shteyngart).
(Dnepropetrovsk--Efficiency, Industrial)

STASYUKOV M.I.

✓ An electronic salimeter with an optical indicator. M.I.
Stasyukov. Energetik 5 No. 4. 15-16 (1937). In most
meters for measuring salt contents the indicator used is
the magneto-electric type with a rectifier element. This is
uncertain accuracy, and the const. flickering of its lamp ap-
pearing to the operator. The wiring diagram of an electronic
instrument provided with a demodulator is shown that
eliminates this fault with the use of lamp 3E5. H.L.O.

2

DR
amf

GRYM, A.; STASYUKOV, V. 25.01.1962

Speed up the screening of cameras. M.R. 11.25 no. 10.10-12
(MERA 18:11)
0.168.

1. Chakny specialist model party Chernomordryakta
(for Ryym), 2. Chakny party Chernomordryakta (for Stasyukov).

GUZIENE, A.; STASULIONYTE, G.

On the problem of the determination of uropepsin. Sveik. apsaug. 7
no.8:38-40 '62.

1. Respublikine Vilniaus klinine ligonine, Vyr. gydytojas -- V. Zygas.
(UROPEPSIN)

NESUKAITIS, V.; STASULIONIS, M.

Automation of optic control of certain properties of plane surfaces
by the polyphote method. Liet ak darbai B no.1:207-214 '61.
(EEAI 10:9)

1. Institut energetiki i elektrotekhniki AN Litovskoy SSR.
(Photochemistry) (Automation) (Surfaces)

AID P - 5098

Subject : USSR/Engineering
Card 1/2 Pub. 110-a - 1/18
Authors : Styrikovich, M. A., Corr. Mem. Academy of Sciences,
 USSR, and I. K. Stasyulyavichus, Eng.
Title : Using special large peak-load boilers in a Heat and
 Power Plant.
Periodical : Teploenergetika, 10, 3-8, 0 1956
Abstract : The expediency in using special large boilers for peak
 district heating loads is demonstrated. The problems
 of the distribution of load are examined. The peak-
 load boilers must be inexpensive, simple in design and
 reliable in operation. Because of the wide range of
 steam and hot-water loads these boilers must function
 at different load levels. The hot-water type is simpler
 and less expensive, while the steam type is more
 flexible in operation and can store the steam at the

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STASYUL YAVICHUS, I-K.

Dissertations. Department of Technical Sciences, July-Dec. 1957.
Vest. Ak. Nauk SSSR, 1958, No. 4, pp. 123.

At the Inst. of Power Engineering in G. M. Krzhizhanovskiy the following dissertations for degree of Cand. Tech. Sci. were defended:

V. N. ADRIANOV - Transmission of Radiation Heat of Dusted Combustion Gases in the Channel With Cooled Walls.

L. N. ZHGENTI - Problems of the Determination of the Optimum Parts of the GES in the System With Control Carried out for Years.

A. A. ISMAILOVA - Investigation of the Thermal Processes in the Sun-Drying Devices of Different Fruit Structure.

D. A. KAZBEKOVA - Problems of the Energy Supply of the Pastures of the Drive-Cattle Breeding.

I. B. MOTSKUS - Investigation of the Gasdynamic and Electric Processes Accompanying the Elimination of the Arc by Air Jets.

* I. K. STASYULYAVICHUS - Covering of the Heat Maximum in the TET's of High and Superhigh Parameters.

L. N. ZHGENTI - Problems of the Determination of the Optimum Parts of the GES in the System With Control Carried out for Years.

A. A. ISMAILOVA - Investigation of the Thermal Processes in the Sun-Drying Devices of Different Fruit Structure.

D. A. KAZBEKOVA - Problems of the Energy Supply of the Pastures of the Drive-Cattle Breeding.

* also in KL 9-57 P.101

STASYULYAVICHUS, I.K. [Stasiulevicius, I.], kand.tekn. rants; SURVILA,
V. Yu., inzh.; ASMANTAS, L.A. [Asmantas, L.], inzh.

Hydraulic resistance in a pipe with a helical groove. Energo-
machinostroenie 10 no.10:45 O '64 (NIRA 18:2)

ACCESSION NR: AP4017964

S/0236/63/000/004/0077/0081

AUTHORS: Stasyulyavichyus, Yu. K.; Samoshka, P. S.

TITLE: Heat transfer by staggered bundles of smooth pipe in cross air flow at high Re numbers

SOURCE: AN LitSSR. Trudy*, Seriya B, no. 4, 1963, 77-81

TOPIC TAGS: pipe bundle, smooth pipe, heat transfer, staggered pipe bundle, Reynolds number, heat transfer, power plant, electric power plant, power plant equipment

ABSTRACT: The work was prompted by the scarcity of studies covering heat transfer from smooth pipe bundles in cross air flow. Yet these data are of paramount importance for the effective operation of modern heat power plants, making the problem very real. The average heat transfer of staggered smooth pipe bundles ($a/b=1.27 - 1.94$) in a cross flow of compressed air in the Re range from 10^4 to 2×10^6 was experimentally studied. The results are presented in criterial form and graphic dependences in the form of $Nu_f=f(Re_f)$ are plotted. In all bundles investigated, a transition to an area of developed two-

Card 1/3

APPROVED FOR RELEASE: 08/25/2000 CIA-RDP86-00513R001653010020-3"

ACCESSION NR: AP4017964

lence with increased exponents of m-power, from 0.60 to 0.78-0.93 was observed in the $Re=(1.6 - 2) \cdot 10^5$ zone. With the aid of grapho-analytical methods, a generalized equation, $Nu_f = 0.187(a/b)^{-5.35} \cdot Re^{0.63/a/b}$ was derived for the calculation of heat transfer from staggered bundles of smooth pipe within the studied range of relative a/b indices. The pipe diameter in the bundles, the temperature of the incident flow and the velocity in the smallest cross section of transition have been used as determining values in the similarity criterion. Orig. art. has: 2 figures, 4 formulas, 2 tables.

ASSOCIATION: Institut energetiki i elektrotekhniki AN Litovskoy SSR
(Institute of Power Engineering and Electrotechnics, AN Lithuanian SSR)

SUBMITTED: 26Mar63

DATE ACQ: 13Mar64

ENCL: 00

SUB CODE: PH

NR REF SOV: 003

OTHER: 001

Card 2/2

ACCESSION NR: AP4017963

S/0236/63/000/004/0069/0075

AUTHORS: Stasyulyavichyus, Yu. K.; Samoshka, P. S.; Skrinska, A. Yu.;
Survila, V. Yu.

TITLE: Thermophysical studies of a staggered smooth pipe bundle in
cross flow of compressed air

SOURCE: AN LitSSR. Trudy*. Seriya B, no. 4, 1963, 69-75

TOPIC TAGS: pipe, smooth, thermodynamics, heat exchange, heat transfer,
aerodynamics, thermodynamics, bundle, Reynolds number, aerodynamics

ABSTRACT: The study has been prompted by the fact that the problem
of heat exchange of a pipe bundle in an air flow at high Re numbers
is not yet completely solved, thus making calculations difficult.
Therefore, tests were made in the translitecate first Laboratory of
Nuclear Power Engineering and Radioisotopes of the AN, Lithuanian
SSSR covering heat transfer and aerodynamic resistance of staggered
smooth pipe bundles in a cross flow of air in the range of $Re > 10^5$.
The methods and the experimental installation for tests in air flow

Card 1/2

ACCESSION NR: AP4017963

at a 25 bars pressure are described. The results of the experimental study for a seven-row bundle $a \times b = 2.2 \times 1.3$ in a cross air flow at $Re 10^4$ to 1.5×10^6 are presented. Graphs are plotted and criterial dependences for the calculation of heat transfer and aerodynamic resistance of the first and the depth row at a steady state heat operation are given. It is found that at $Re = 2 \times 10^5$, the flow around the bundle acquires a new character involving increased turbulence and intensified heat transfer (increase in Re index from 0.6 to 0.81 in the front row and to 0.83 in depth row). At this Re value the transitional operation changes into the auto-modeling type.
Orig. art. has: 3 figures, 9 formulas

ASSOCIATION: Institut energetiki i elektrotekhniki AN Litovskoy SSR
(Institute of Power Engineering and Electrotechnics, AN Lithuanian SSR)

SUBMITTED: 09Feb63

DATE ACQ: 13Mar64

ENCL: 00

SUB CODE: PH

NR REF SOV: 002

OTHER: 000

2/2

Card

L 16023-65 EWT(1)/EWP(m)/EPA(sp)-2/EPF(c)/EPA(w)-2/EEC(t)/EEC(b)-2 Pab-10/Pd-1/
ACCESSION NR: AP4048845 Pr-h/Peb PSD/SSD/ASD(f)-2/ S/0170/64/000/011/0010/0015
AFWL/AEDC(a)/AS(mp)-2 WW/AT

AUTHORS: Stasyulyavichyus, Yu. K.; Samoshka, P. S.

TITLE: Heat transfer and aerodynamics of staggered tube bundles in transverse airflow in Reynolds number range $Re > 10^5$

SOURCE: Inzhenerno-fizicheskiy zhurnal, no. 11, 1964, 10-15

TOPIC TAGS: Reynolds number, heat transfer, aerodynamic drag, Nusselt number

ABSTRACT: Experimental results were obtained on heat transfer and aerodynamic drag of staggered smooth tube bundles with $a/b = 1.27$ to 1.94 , in a Reynolds number range 10^4 to $2 \cdot 10^6$. A rectangular working area, 1200 mm by 200 mm was used in an aerodynamic test bed with high-pressure air supplied from an air compressor. An electric heater was used with temperatures monitored by thermocouples. The maximum errors in determining various parameters were: $\alpha - \pm 8\%$; $R - \pm 4\%$; $Nu - \pm 10\%$; and $Eu - \pm 10\%$. A table is given listing tube bundle geometries where a - relative transverse tube spacing and b - relative longitudinal tube spacing. Heat transfer measurements show larger values for the larger a/b ratios. A noticeable increase in Nu was observed at transitional Reynolds

Card 1/2

L 16023-65

ACCESSION NR: AP4048845

numbers, $1.6 - 2.0 \cdot 10^6$. An empirical result relating the various parameters yields $Nu_f = 0.187 (a/b)^{-5.35} Re_f^{0.68}$. Eu versus Re curves show strong minima in the aerodynamic drag curves corresponding to transition Reynolds numbers. The effect of tube staggering on drag was also investigated. For a $X b = 1.19 X 0.94$, a plateau was observed in Eu values for values of $Re > 2 \cdot 10^6$. For a $X b = 2.48 X 1.28$, the minimum value in Eu was followed by a gradual rise. Orig. art. has: 4 figures, 3 tables, and 1 formula.

ASSOCIATION: Institut energetiki i elektromekhaniki AN Litovskoy SSR, g. Kaunas
(Institute of Power and Electromechanics, AN Lithuanian SSR)

SUBMITTED: 20Aug63

SUB CODE: ME

NO REF SOV: 002

ENCL: 00

OTHER: 002

Card. 2/2

ACCESSION NR: AP4017965

S/0236/63/000/004/0083/0088

AUTHORS: Stasyulyavichyus, Yu. K.; Samoshka, P. S.

TITLE: Aerodynamic resistance of smooth pipe in staggered bundles
in cross flow of air at high Re numbers

SOURCE: AN LitSSR. Trudy*. Seriya B, no. 4, 1963, 83-88

TOPIC TAGS: aerodynamic resistance, automodeled zone, Reynolds number,
staggered pipe bundle, smooth pipe bundle, aerodynamics, air cross
flow

ABSTRACT: The work was prompted by the absence of data on the aerodynamics of smooth pipe bundles at high Re numbers (2×10^5), resulting in practical difficulties when calculations are required. The resistance of five staggered bundles of smooth pipe $a/b = 1.27 - 1.94$ to a cross air flow in the Re interval of 10^4 to $2 \cdot 10^6$ was studied, including the dependence of resistance in the bundles on number z_2 of longitudinal rows. It was found that the resistance stabilizes at seven longitudinal rows and is independent of further increase. These results are expressed in criterial form showing graphic depen-

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ACCESSION NR: AP4017965

dences $Eu_1 = f_1(Re)$ and $Eu/z_2 = f_2(Re)$. Data analysis showed that in the range $Re = (1.8 - 2.6) \times 10^5$ the transition to an automodeled zone of developed turbulence begins. In closely staggered bundles ($a/b < 1.7$) the automodeled setup incurs beyond the transitional zone $Z(Re = 8 \cdot 10^5)$. Orig. art. has: 4 figures, 6 formulas, no tables.

ASSOCIATION: Institut energetiki i elektrotekhniki AN Litovskoy SSR
(Institute of Power Engineering and Electrotechnics, AN Lithuanian SSR)

SUBMITTED: 26Mar63

DATE ACQ: 13Mar64

ENCL: 00

SUB CODE: PH

NR REF SOV: 004

OTHER: 003

Card 2/2

STASIULEVICIUS, Yu.K. [Stasiulevicius, J.]; SAMVISHKA, P.S

Heat transfer and aerodynamics of staggered banks of tubes in a transverse air flow in the range of $Re > 10^5$. Inzh.-fiz. zhur.
no.11:10-15 N '64. (MIRA 18:2)

1. Institut energetiki i elektrotekhniki Ak Litovskoy SSR, Kaunas.

L 50541-65 EWT(1)/EWT(m)/EPF(c)/EPF(n)-2/EWA(d)/EPR/EWP(t)/EWP(k)/EWP(b)/
EWA(c) Pf-4/Pr-4/Ps-4/Pu-4 JD/MM/HW

ACCESSION NR: AP5009170

UR/0236/65/000/001/0123/0128

50
49

AUTHOR: Skrinska, A. (Skrinska, A. Yu.); Stasiulevicius, J. (Stasyulyavichyus, B.
Yu. K.)

TITLE: Experimental study of the influence of nonuniformity of the heat transfer
coefficient on the efficiency of finned tubes

SOURCE: AN LitSSR. Trudy. Seriya B. Fiziko-matematicheskiye, khimicheskiye,
geologicheskiye i tekhnicheskiye nauki, no. 1, 1965, 123-128

TOPIC TAGS: heat transfer, heat transfer coefficient, finned tube, air stream,
spiral fin, Reynolds number

ABSTRACT: The change in the heat transfer coefficient of tubes with spiral fins
along the height of the fin in a transverse stream of air at different Re numbers
was examined. The distribution of heat transfer along the height of the fin was
found to be the same for a single tube as for a tube in a cluster. The heat trans-
fer of a finned tube in a staggered cluster is more uniform at the circumference of
the tube, however, than is the heat transfer of a single tube. In determining the
convective heat transfer coefficients of various finned tubes, one can calculate
the correction coefficient ψ from the following formula: $\psi = 0.97 - 0.056 \beta h$, for
the range of βh from 0.3 to 3. This correction coefficient is necessary because
Card 1/2

L 50541-65

ACCESSION NR: AP5009170

the change in the distribution of the heat transfer coefficient of a finned surface affects the efficiency of the fin. Orig. art. has: 4 figures and 3 formulas.

ASSOCIATION: Institut energetiki i elektrotekhniki Akademii nauk Litovskoy SSR
(Institute of Power and Electrical Engineering, Academy of Sciences,
Lithuanian SSR)

SUBMITTED: 13Jun64

ENCL: 00

SUB CODE: TD

NO REF Sov: 007

OTHER: 002

MIC
Card 272

SIMONKE, P.S. [Samoška, P.]; STASIULEVIČIUS, Yu.K. [Stasiulevičius, J.]

Thermophysical study of tightly packed smooth-tube staggered beams
in a transverse air flow at Re not exceeding $2 \cdot 10^6$. Trudy AN Lit.
SSR. Ser. B no.3:163-167 '65. (MIRA 19;1)

1. Institut energetiki i elektrotehniki AN Litovskoy SSR.
Submitted January 4, 1965.

STASJUNAS, Antanas; STASKONIENE, F., red.; SARKA, St., tekhn. red.

[Turner's manual] Tekintojo vadovas. Vilnius, Valstybine
politines ir mokslines literaturos leidykla, 1963. 223 p.
(MIRA 16:5)
(Turning--Handbooks, manuals, etc.)

L 08080-67

ACC NR: AT6033750

SOURCE CODE: P0/2541/66/010/001/0077/0080

AUTHOR: Staszewski, Andrzej (Master engineer); Stepień, Bogusław (Master of arts)

ORG: none

S1
BT/

TITLE: Vacuum evaporated Ni-Cr thin film resistors

SOURCE: Warsaw: Instytut Tele- i Radiotechniczny. Prace, v. 10, no. 1(34), 1966,
77-80TOPIC TAGS: resistor, thin film resistor, evaporation, vacuum technology,
*MICROELECTRONIC THIN FILM*ABSTRACT: A description is given of the vacuum method for producing Ni-Cr thin film resistors for passive microcircuits. The method is expected to produce highly stable resistors with a low coefficient of temperature resistivity in a range of 100—50,000 ohms. Four experimental sample series have been produced and tested. Resistance films were deposited on 2 x 3 cm FK5 optically polished glass plates, using a Balzers 350K vacuum apparatus. To obtain the film an 80% Ni—20% Cr wire 1.6 mm in diameter was sublimated at 1100 ± 30°C at a pressure of $5 \cdot 10^{-5}$ Torr for 12 min. Results were satisfactory. Orig. art. has: 1 table.

SUB CODE: 09 / SUBM DATE: 200ct65/

UDC: 621.316.84

Card 1/1 (a)

L 20405-66 EWT(m)/EWP(j)/T/ETC(m)-6 WW/RM
ACC NR: AP6008401 (A)

SOURCE CODE: UR/0374/66/000/001/0060/0066

AUTHOR: Machyulis, A. N.; Pugina, M. I.; Zhechyus, A. A.; Kuchinskas, V. K.; Stasyunas, A. P.

79

B

ORG: Institute of Power Engineering and Electronics, AN LitSSR, Kaunas (Institut energetiki i elektroniki AN Litovskoy SSR)

TITLE: The effect of certain additions and surrounding media on the static and fatigue strength of polyamides

15

SOURCE: Mekhanika polimerov, no. 1, 1966, 60-66

TOPIC TAGS: polyamide, lactam, fatigue strength, thermal effect, thermal stability, rupture strength, static pressure, polymer

ABSTRACT: The effect of various stabilizers and of the surrounding medium on the static strength of polycaprolactam during thermal treatment was investigated. It was shown that the dynamic strength depends the method by which the stabilizers are introduced. The stabilizing medium and the varnish, containing the thermo-stabilizer covering the polyamides, are found to delay the thermooxidation and cause a decrease in strength. It was observed that with thermal treatment the decrease in the strength of polyamides results from the inner stresses and the microdefects appearing with the rupture of molecular chains. Orig. art. has: 5 figures and 2 tables. [Based on authors' abstract.]

[NT]

SUB CODE: 20,07 SUBM DATE: 30Jul65/ ORIG REF: 009/ OTH REF: 004/

Card 1/1 BK

STASYUNAS, A.S.

Device for recording bioelectric processes on magnetic
tape. Trudy LIETIN no.13:272-276 '64.

(MLRA 18:12)

STASYUNAS, V.P. (Leningrad, K-32, Polyustrovskiy pr., d.51, kv.15)

Oxygen requirement during intracardiac operative intervention in congenital cyanotic heart defects [with summary in English]. Vest.khir. 79 no.11:72-80 N '57. (MIRA 11:3)

1. Iz khirurgicheskoy kliniki usovershenstvovaniya vrachey (nach.-prof. P.A.Kupriyanov) Voyenno-meditsinskoy ordena Lenina akademii im. S.M.Kirova.

(CARDIOVASCULAR DEFECTS, CONGENITAL, surg.

intracardiac surg. in cyanotic cardiovasc. dis., determ.
of oxygen requirement (Bus)

(OXYGEN

requirement in intracardiac surg. in cyanotic cardiovasc.
dis. (Bus)

SHANIN, Yu.N.; STASYUNAS, V.P.; UVAROV, B.S..; MESHCHERYAKOV, N.A.

Use of imbretil in anesthesia with controlled respiration.
Vest.AMN SSSR 17 no.8:53-56 '62. (MIRA 15:12)

1. Kafedra anesteziologii Voyenno-meditsinskoy ordena Lenina
akademii imeni S.M.Kirova.
(IMBRETIL) (ANESTHESIA)

SHANIN, Yu.N.: UVAROV, B.S.; MESHCHERYAKOV, N.A.; STASYUNAS, V.P.; KARIMOVA
T.V.; KIVIK, A.A.; KROKHALEV, Yu.S.; LIVANOVA, T.B.; LOPATIN, V.A.;
LYUBICHEVA, Z.L.; SIPCHENKO, V.I.

Characteristics of the anesthesia and work of the anesthesiolo-
gist in surgery with artificial blood circulation. Grud.khir.
(MIRA 16:7)
5, no.1:116-121 Ja-F'63.

1. Iz kafedry anesteziologii (nachal'nik - deystvitel'nyy chlen
AMN SSSR prof. P.A.Kupriyanov) Voyenno-meditsinskoy ordena Lenina
akademii imeni S.M. Kirova.
(SURGERY, OPERATIVE) (BLOOD—CIRCULATION, ARTIFICIAL)

"APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653010020-3

STASZCZAK, Boleslaw

Exhibition at the 25th Scientific-Technical Conference of
the Association of Polish Geodesists. Przegl geod 35
no.2:101-102 F '63.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653010020-3"

STASZCZUK, I.; F. N.; E. P.

Collective deliveries of livestock. p. 7; ROLNIK SPOLDZIELCA. (Centrala Rolnicza Spoldzielni "Samopomoc Chlopska") Warszawa; Vol. 8, no. 26, June 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress,
Vol. 4, No. 12, December 1955.

STASZCZUK, Jan

Prospects for the use of bent perforated shapers made of
sheet metal. Wiad elektrotechn 31 no.1/2:24-25 Ja-F '63.

1. Zaklady Produkcji Pomocniczej Elektromontaz, Gdansk.

STASZCZYK, S.

EFJK metal-forming machines at the 28th Poznan International Fair. p. 235.

MECHANIK. Warszawa, Poland. Vol 32, no. 5, May 1959.

Monthly List of East European Accessions (EEAI) LC, Vol. 9, no. 2, Feb. 1960.
Uncl.

BORECKI, Z.; NOWACKA, H.; STASZEK, I.

Biology of Mycosphaerella ribis (Fuck.) Kleb. and ways of
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1. Instytut Sadownictwa, Skierniewice.

STASZEK, J.

"Aviation Institute in 1958."

p. 3 (Sluzhbyta Polska) Vol. 14, no. 3, Jan. 1958
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April 1958

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CIA-RDP86-00513R001653010020-3

STASZEK, Jan., mgr inż.

Conclusions from departmental conferences. Techn lotn 18
no. 3865 Mr '63.

APPROVED FOR RELEASE: 08/25/2000

CIA-RDP86-00513R001653010020-3"

1471

664.1.038.2

Pietrzykowski T., Staszewka E.. A Comparative Study of the Purification of Clarified Juices.

"Porównawcze badania nad oczyszczaniem klarówek". Gazeta Cukrownicza, No. 8, 1961, pp. 179-185, 3 figs.

An analysis is made of the advantages of purifying the clarified juice separately and together with the diffused juice. A considerable

simplification of the process is effected by returning the clarified juice to the measurers. An analysis, by both methods, of white sugars, did not reveal any difference in the colorization of the sugar.

Poland/Chemical Technology - Chemical Products and Their Application. Carbohydrates and Refinement, I-26

Abst Journal: Referat Zhur - Khimiya, No 19, 1956, 63510

Author: Pietrzykowski, Tadeusz; Staszewska, Barbara

Institution: None

Title: Preliminary Experiments on the Use of Chromatography for the Investigation of the Composition of Molasses

Original

Periodical: Wstępne próby zastosowania chromatografii do badań nad składem melasu. Gaceta cukrown., 1953, 55, No 4-6, 106-108; Polish

Abstract: Brief data are presented concerning the history of development of chromatography and its use in the analysis of molasses. Experiments are described on the use of chromatography for determination of α -amino acids in molasses using as adsorbents starch, Al_2O_3 , and SiO_2 gel. Relatively better though also unsatisfactory results were obtained on using Al_2O_3 .

Card 1/1

STASZEWSKA BARBARA

✓ Equipment for continuous vacuum filtration. Henryk Dubrowski, Barbara Staszewska, and Wladyslaw Zera. *Prace Inst. i Zakl. Higieny i Sanitety Rolnego i Sporzyczcego 5, No. 1, 8-13(1955)* (French summary).—Improvement of filtration of the juice from the first sett. was studied involving the detn. of variables of this unit operation and design of continuous vacuum filter and decanters. A continuous rotary vacuum filter employing properly supported fabric filtering media was used. The filter had provisions for continuous discharge of the filter-cake as well as of the filtrate. Optimum conditions were detd. A. I. P.

(2)

K

STASZEWSKA, Barbara

Adsorption by calcium carbonate during syrup purification by defeco-saturation. Władysław Żero, Barbara Staszewska, Bolesław Szucki, Anna Kintzel, and Zbigniew Nitschke. *Praca Inst. i Lab. Badawczych Przemysłu Rolnego i Spółwczesnego* 5, No. 1, 14-21 (1955).—Although adsorption of nonsugars is of great value in sugar purification, it presents serious disadvantages from the standpoint of sugar crystals, which as a rule takes place in contaminated solns. Adsorption of nonsugars on purifying adsorbents depends on their character and concn. Conclusion: Adsorption by CaCO_3 is not limited to the removal of the colored substances only but involves to a certain extent nonsugars of both org. and inorg. character. Degree of adsorption by CaCO_3 depends on the amt. of Ca introduced; hence it depends on the total surface of adsorption. Concn. of Ca exceeding 6% $\text{CaO}/100^\circ \text{Brix}$. does not increase the adsorption. Percentage-

wise, adsorption is most pronounced in colored "amethyst" substances and connected with α -amino acids. Ca^{++} cations are adsorbed more strongly than K^+ cations. Increase of the value of the factor: $n = (\text{percentage of adsorption at } 4720 \text{ \AA.})/(\text{percentage of adsorption at } 5900 \text{ \AA.})$ resulting from the increase of the Ca^{++} addn., indicates the removal of undesirable colored substances. Percentage of nonsugars removed depends on concn. of the soln. subjected to the defeco-satn. Adsorption of org. substances decreases as concn. of defeco-satd. soln. increases; however, adsorption of inorg. substances follows an opposite pattern. The retarding effect of viscosity of the soln. upon the rate of adsorption is most pronounced in the case where high-mol. org. substances are present. The process of adsorption appears to be very complicated. Apart from phys. adsorption and chemisorption, there is undoubtedly a purely mech. process of removal and occlusion of colloidal and semicolloidal particles in the course of defeco-satn. A. J. P. (4)

67/45ZEW/56/2, T.B.

✓ Comparison of the action of active carbon on juice [which is]
(a) clarified and (b) containing residues from second saturation.
T. Pietrzowski, W. Zera, and U. Staszewska (Gaz. Cukr., 1955, 57,
73-75).—Active C (0.25-2.0% on dry solids) was added to beet
juice before second saturation or after second saturation at 80° to
0.01% CaO, before or after the filtration. The C was left in contact
for 3-10 min. and then filtered. From determinations of the juice
colours it was found that the addition of C gave the best effect after
second saturation and filtering, with only 3 min. contact, especially
with small amounts of active C. SUG. IND. Austr. (E. M. J.),

(2)

STASZEWSKA-MODZELEWSKA, B.

POLAND / Chemical Technology, Chemical Products and Their
Application. Part 3 - Carbohydrates and Their
Treatment.

H-25

Abs Jour : Ref. Zhur. Khimiya, No 4, 1958, 12729.

Author : B. Staszewska-Modzelewska.

Inst : Not given

Title : Influence of Clarifier Addition on Juice Decantation and
Filtration after First Saturation.

Orig Pub : Gaz. cukrown., 1956, 58, No 2, 47 - 48.

Abstract : The presented results of laboratory and pilot-plant experiments show the damaging influence of the addition of a large amount of clarifier (the decantation proceeds worse and the filtration duration is longer).

Card 1/1

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Preparation of vinylsulphonate. Research on the efficiency and purification of salts. Rocznik chemii 35 no. 5: 1495-1509 '61.

1. Department of General Chemistry, N. Copernicus University, Torun.

MAJEWSKA, Magdalena; MIAZEK, Urszula; STASZEWSKA, Halina; TUSZKIEWICZ,
Ewa; WASAK, Henryk

Analysis of the morbidity and clinical picture of leukemia in
children in 1949-1961. Pol. tyg. lek. 19 no.47:1813-1815
23 N°64

1. Z II Kliniki Pediatricznej Akademii Medycznej w Lublinie
(kierownik: doc. dr. med. A. Gebala).

STASZEWSKA, J.

Mechanism of post-histamine hypertension in guinea pig; dynamics of hypertension. Acta physiol. polon. 8 no.3:528-529 1957.

1. Z Pracowni Patofizjologii Zakladu Patomorfologii PAN Kierownik: prof.
dr L. Paszkiewicz.

(HISTAMINE, effects,
hypertension-induction (Pol))

(HYPERTENSION, experimental,
histamine-induced (Pol))

ASKANAS, Z.; LUKASIK, E.; STASZEWSKA, J.; STOPCZYK, M.; WAJSZCZUK, W.; przy
wspoludziale matematycznym SORY, J.

Vectorcardiographic analysis of the initial segment of the ventricular
complex. Kardiol. Pol. 5 no.2:77-86 '62.

l. Z IV Kliniki Chorob Wewnętrznych AM w Warszawie Kierownik: prof.
dr Z. Askanas.

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SEMERAU-SIEMIANOWSKI, Z.; STASZEWSKA-BARCZAK, J.

Effect of Marcilid on catecholamine-induced coronary disturbances
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Pol. sci. (Biol) 13 no.3:185-189 '65.

1. Submitted December 18, 1964.

STASZEWSKI, Bogdan

"Beaches and coasts" by A.M.King. Reviewed by Bogdan
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STASZEWSKI, Jozef (Warszawa); SZELIGA, Jan (Gdansk)

Poland's medium altitude according to Staszic's geognostic map. Czasop geograf 34 no.4:393-398 '63.

~~STASZEWSKI, Janusz, mgr inż, prof. nadzwyczajny~~

~~Auxiliary fishing fleet. Bud okretowe Warszawa 8 no. 5:153-156
Maj '63.~~

~~1. Politechnika, Gdańsk.~~

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CIA-RDP86-00513R001653010020-3

STASZEWSKI, A.

"Motors for deep well pumps."

SO: Wiadomosci Elektrotechniczne, Vol. 13, No. 12, December 1953,
(Air, AA, London, IR-597-54, 22 March 1954, Unclassified. [redacted]
D-12252).

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CIA-RDP86-00513R001653010020-3"

SZLISZEWSKI, J.; PASZKOWSKI, S.

Herring fleet depot ship of the B-62/1 type with 9,500 t.d.w. p. 62.

PO WILCZY CAŁOŚĆ. (Stowarzyszenie Inżynierów i Techników Mechaników Polskich, Sekcja Okrętowa) Warszawa, Poland.
Vol. I, no. 3, Mar. 1959.

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Uncl.

STASZEWSKI, Janusz, prof., mgr inż.; SWIECICKI, Jerzy, mgr inż.

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Polish fishery. Bud. okretowe Warszawa 7 no.12:397-401, 402
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1. Wydział Budowy Okrętów, Politechnika, Gdańsk (for Staszewski).
2. Centralne Biuro Konstrukcji Okrętowych Nr 1, Gdańsk (for
Swiecicki).

STASZEWSKI, Jerzy.

Etiology of pulmonary cancer. Polski tygod.lek. 11 no.4:172-17c 23Jan 56.

l. Z Instytutu Onkologii -- Oddzial w. Gliwicach; dyrektor: dr med.
Jeremi Swiecki. Gliwice, Instytut Onkologii.
(LUNGS, neoplasms
etiol., review)

STASZEWSKI, Jerzy

Significance of smoking in the appearance of bronchial cancer. Polski
tygod. lek. 14 no.43:1904-1908 26 Oct 59.

1. (Z Instytutu Onkologii, Oddzial w Gliwicach; dyrektor: dr med.
Jeremi Swiecki).
(BRONCHI, neopl.) (SMOKING, compl.)

STASZEWSKI, Jerzy

Smoking and diseases of the respiratory organs and the circulatory system. Polski tygod.lek. 15 no.29:1106-1110 18 Jl '60.

1. Z Instytutu Onkologii - Oddział w Gliwicach; dyrektor: dr med
Jeremi Świecki
(CARDIOVASCULAR DISEASES etiol)
(RESPIRATORY SYSTEM dis)
(SMOKING statist)

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Preliminary investigations on the pattern of tobacco consumption in
Poland. Rocznik nauk rolniczych 81 no.4:975-990 '60.
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1. Instytut Onkologii-Oddział w Gliwicach, Dyrektor: Dr. med.
Jeremi Świecki.

(Poland—Tobacco)

STASZEWSKI, Jerzy

Manifestations of bronchial cancer and delayed diagnosis. Polski
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1. Z Instytutu Onkologii - Oddział w Gliwicach; dyrektor: dr med.
Jeremi Świecki.
(CARCINOMA BRONCHOGENIC diag)

STASZEWSKI, Jerzy

Smoking and its relation to gastric and oesophageal cancer and peptic ulcer. Polski tygod. lek. 16 no.8:287-292 20 F '61.

l. Z Instytutu Onkologii, Oddział w Gliwicach dyrektor: dr med. Jeremi Świecki.

(STOMACH NEOPLASMS etiol) (ESOPHAGUS neopl)
(PEPTIC ULCER etiol) (SMOKING)

POLAND

STASZEWSKI, Jerzy, Oncology Institute (Instytut Onkologii),
Division (Oddzial) in Gliwice (Director: Dr. med. Jeremi
SWIECKI)

"Remarks on Investigating the Epidemiology of Cancer."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 22, 27 May 63,
pp 772-775.

Abstract: [Author's English summary modified] Author dis-
cusses the importance and difficulties in studying cancero-
genic factors in the environment with a view to removing
them and thus lowering the morbidity of the disease, noting
that the etiology and pathogenesis of cancer need not be
fully known to accomplish this end. He also discusses the
principal methods of cancer epidemiological studies and
outlines the projected plan for such studies in Poland. Of
the five (5) references, one is in Polish and the others
in English.

1/1

STARIEWICZ, Jerzy

Mortality due to malignant tumors in Poland in 1959. Nowotwory
14 no.1:63-78 Ja-Mr '64.

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CIA-RDP86-00513R001653010020-3

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1333-1334 15 S '65.

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STASZEWSKI, J.

"The population of the countries of the globe from 1750 to 1950", p. 95 (Przeglad
Geograficzny. Polish Geographical Review, Vol. 23, 1950/51, Warszawa)

Vol. 3, No. 3
SO: Monthly List of East European Accessions, Library of Congress, March 1954, Unci.

STASZEWSKI, J.

Ptolemy and the origin of the word geography.
p. 235

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Vol. 7, no. 1/3, 1952
Lublin, Poland

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Uncl.

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Classification and systems of geographic toponymy. p. 249.

SO: Monthly list of East European Accessions, (EEAL), LC, Vol. 4, No. 9, Sept. 1955
Uncl.

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Vol. 9, no. 1, Jan./Feb. 1956
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STASZEWSKI, J.

Geographical names in Poland; an attempt at synthesis. p. 107.
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PRZEWODNIK GEOGRAFICZNY

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Vol. 5, no. 8, August 1956

STASZEWSKI, J.

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p. 685.
(PRZEGLAD GEOGRAFICZNY. POLISH GEOGRAPHICAL REVIEW. Vol. 28, no. 4, 1956,
Poland).

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 6, June 1957, Uncl.

6 AUGUST 1986, 1.

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("KRAJOWA GAZETA", Vol. 10, no. 1, July/Aug. 1957, Warszawa, Poland)

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Incl.

STASZEWSKI, Jozef

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147-157 '60. (EEAI 9:10)
(Witthauer, Kurt)
(Population)

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STASZEWSKI, Jozef

Distribution of the world population on the basis of density; a
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(EEAI 10:3)

(Population)

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geogr 33 no.2:187-201 '61. (EEAI 10:8)
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"Cartographic monuments of Portugal." Vol. 1-4. Przegl geogr
34 no.3:614-617 '62.

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STASZEWSKI, Jozef

Studies and geographic theories in the scientific inheritance
left by M.P.Rudzki; on the occasion of the 100th anniversary of
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STASZEWSKI, Jozef

Determinants of contemporary vertical movements of the
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STASZEWSKI, Jozef; PISZCZEK, Maria [translator]

Sierakowski, Lelewel and the Portugaliae Monumenta Cartographica.
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STASZEWSKI, Jozef

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STASZEWSKI, Jozef

Hugo Kollataj's system of earth history and geologic
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'64.

ANISIMOW, Jurij [Anisimov, Yuriy] kand. nauk tech.; STASZEWSKI,
Jozef [translator]

Aleksander Michalski, geologist, 1855-1904. Kwart hist
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1. Kierownik Dzialu Historii Techniki, Zaklad Historii
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S.R.R. Kijow (for Anisimow).

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STASZEWSKI, K. Half of a century in the service of country lore. p. 3, No. 12,
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SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4—April 1957

PIOTROWSKI, Zbigniew, mgr. inż.; STASZEWSKI, Lucjan, mgr. inż.

Occurrence of negative reactance in cases of bar type current
transformers with an air gap in the core. Przegl elektrotechn
38 no.7:287-289 Jl '62.

Stasiewski, E.

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Warszawa, Poland. Vol. 11, No. 10/11, Oct/Nov. 1959

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Uncla.

STASZEWSKI, R.

The future of brown coal in Poland. p. 544

PRZEGLAD GORNICZNY. (Stowarzyszenie Naukowo-Techniczne Inżynierów i
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Vol. 15, no. 10/11, Oct./Nov. 1959

Monthly List of East European Acquisitions (EEAI) LC, Vol. 9, no. 2,
Feb. 1959

STASZEWSKI, Rafal; POMPOWSKI, Tadeusz; JANAK, Jaros

Analysis of the mixture CO₂, H₂S, COS, CS₂, and SO₂ by gas-liquid chromatography. Chem anal 8 no.6:897-905 '63.

1. Department of Technical Analysis, Technical University, Gdansk,
and Department of Analysis of Gases, Czechoslovak Academy of
Sciences, Brno.

STASZEWSKI, Rafal; JANAK, Jaroslav

Influence of adsorption properties of supports on the peak forms
in gas-liquid chromatography. Chem anal 7 no.6:1059-1071 '62.

1. Department of Technical Analysis, Politechnika, Gdansk (for
Staszewski). 2. Laboratory of Gas Analysis, Academy of Sciences,
Brno, Czechoslovakia.

STASZEWSKI, Rafal; JANAK, Jaroslav

Porous teflon as support in gas-liquid chromatography. Chem anal
7 no.6:1073-1082 '62.

1. Department of Technical Analysis, Politechnika, Gdansk (for
Staszewski). 2. Laboratory of Gas Analysis, Academy of Sciences,
Brno, Czechoslovakia.

STASZEWSKI, R.

Preliminary propositions of Polish terminology in gas chromatography. Wiad chem 16 no.6:383-394 Je '62.

S/081/62/000/023/019/120
B156/B186

AUTHORS: Staszewski, R., Janák, J.
TITLE: Comparative investigation of certain carrying agents, porous
teflon in particular, for gas-liquid chromatography
PERIODICAL: Referativnyy zhurnal. Khimiya, no. 23, 1962, 118, abstract
23B869 (Collect. Czechosl. Chem. Comms., v. 27, no. 3, 1962,
532 - 545 [Ger.; summary in Russ.])

TEXT: The effect of the nature of solid carrying agents (CA) on peak
symmetry, on the number of theoretical stages, and on the other character-
istics of chromatographic separation have been investigated. In addition
to standard carrying agents ("sterkhamol" refractory brick, celite 545 and
chromosorb) tests were made on NaCl, Ca phosphate, teflon (produced by
Dupont, grade 6), and sterkharnol to which epoxy resin had been added. The
teflon was suitable only for temperatures up to 150°C, since above 200°C
it softens and dissociates. The specific surface areas of the carrying
agents were measured by thermal desorption with N₂ and by the method of
comparison described in RZhKhim, no. 7, 1959, 2272; the surface area is

Card 1/2

Comparative investigation of...

S/081/62/000/023/019/120
B156/B186

much lower for teflon than for the other carrying agents with the exception of celite. The fixed phases used in the experiments were squalene, dinonyl-phthalate and diglycerine at 70°C; in some experiments no CA was used; the peak asymmetry was determined for n-hexane, benzene, ether, alcohols and acetone. Teflon is particularly suitable for separating polar substances in non-polar CA, particularly for separating mixtures of alcohols or mixtures of CO₂, H₂S, CO, SO₂ and CS₂. [Abstracter's note: Complete translation.]

Card 2/2

ROLAND

STASZEWSKI, Rafal, dr inz.; ROMPOWSKI, Tadeusz, prof. dr.

Department of Technical Analysis and Goods Science, Gdansk
Polytechnic (Katedra Analizy Technicznej i Towaroznawstwa
Politechniki, Gdansk-Wrzeszcz) (for both)

Warsaw, Chemia analityczna, No 6, November-December 1965,
pp 1123-1128.

"Proper surface measurement by the heat desorption method."

STASZEWSKI, W.

4

p 0 L

798. On the mutual influence of spheres in vibrating
air. W. STASZEWSKI. *Acta phys. Polon.*, 13, No. 3,
209-9. 1954.

The force acting on small spheres in a Kundt tube
placed at different distances from each other with
their line of centres normal to the vibration vector
has been investigated. When the spheres are close
together this force is shown to be one of attraction
or repulsion according to the size of the spheres as
well as to the frequency and intensity of air vibrations.
The contradiction of R. S. Cook's and E. N. da C.
Andrade's results is thus explained, the conditions of
their experiments differing considerably. A